

NEBRASKA WEATHER & CROPS

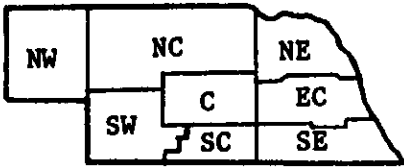
For Week Ending August 23, 1987

Run
1450
8/24/87



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WEATHER

Except for midweek, it was cool and damp. Average temperatures ranged from three to six degrees below normal. Precipitation was widespread but mostly under one inch.

GENERAL

Precipitation in many areas across the State slowed fieldwork but boosted soil moisture supplies. Western Nebraska producers harvested native and tame grasses for seed as well as hail-damaged crops for silage. Hail struck several Eastern Nebraska counties at midweek causing heavy damage in some localities. Farmers worked winter wheat seedbeds discing and applying fertilizer. Irrigators in many areas were making their final applications for the crop year. Other activities included scouting for insects, haying and general livestock care. The number of days suitable for fieldwork averaged 4.3 days for the State.

Topsoil moisture rated 32% short, 57% adequate and 11% surplus, up significantly from last week. Subsoil moisture rated 18% short, 80% adequate and 2% surplus. Last year, topsoil moisture rated 25% short, 45% adequate and 30% surplus. Subsoil moisture rated 18% short, 65% adequate and 17% surplus a year ago.

CROPS

Corn condition rated 22% fair, 67% good and 11% excellent. Irrigated corn remained in good to excellent shape while dryland corn condition improved with the added precipitation. Corn entering the dough stage or beyond increased to 95%

CROPS (Cont.)

compared to 76% last year and an average of 72%. Corn dented advanced to 60% compared to 41% last year and a 20% average. A few fields in central and eastern areas were considered to be nearly matured. The second brood of corn borers is being monitored in most areas. Spider mites have continued to cause damage in some central and western fields.

Soybean condition rated 19% fair, 72% good and 9% excellent. With blooming complete, 98% of the crop has set pods. Last year, 95% had set pods while the average is 88%. Bean leaf beetle damage is of concern in many areas. Spraying is becoming more active.

Sorghum condition rated 15% fair, 79% good and 6% excellent. Heading was complete in 99% of the crop compared to 96% last year and 88% average. Forty-five percent of the crop has turned color compared to 23% last year and an average of 11%. A few fields in the Southeast District have nearly reached maturity. Greenbug problems have been light as recent rains have helped fill out heads.

The third cutting of alfalfa hay reached 70% complete. Last year, 42% was cut and the average is 44%. High humidity, rain and cool nights have hampered drying conditions. Crop condition rated 37% fair, 57% good and 6% excellent.

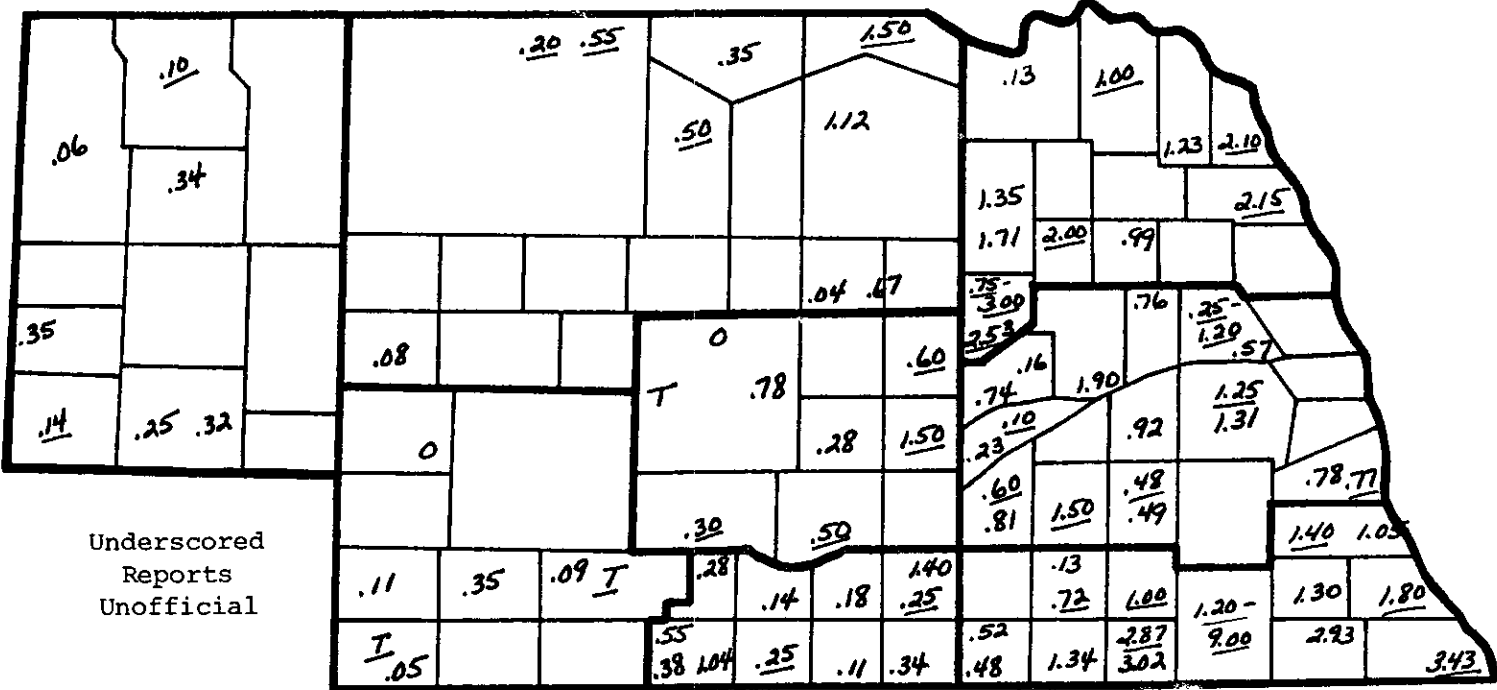
LIVESTOCK

Range and pasture feed supplies rated 12% short, 86% adequate and 2% surplus. Recent precipitation rejuvenated grasses which provided good grazing for cattle and calves. Culling cows and marketing yearlings was active.

Precipitation, April 1 - August 21, 1987

| | NW | NC | NE | CEN | EC | SW | SC | SE |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total past week | .26 | .38 | 1.08 | .27 | .79 | .12 | .49 | 1.35 |
| Total since April 1 | 11.06 | 12.06 | 12.07 | 12.92 | 14.57 | 12.76 | 15.58 | 19.48 |
| Normal since April 1 | 11.90 | 13.89 | 16.29 | 15.12 | 17.48 | 13.00 | 15.57 | 18.44 |

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, AUGUST 21, 1987



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, AUGUST 23, 1987

| Station | | Temperature | | | | Precipitation |
|---------|--------------|-------------|-----|------|-----------|---------------------------------|
| | | Extremes | | Mean | Departure | Total Inches <u>1</u> / <u></u> |
| | | Max | Min | | | |
| NW | Chadron | 94 | 40 | 66 | -- | .25 |
| | Scottsbluff | 93 | 48 | 67 | -4 | .08 |
| | Sidney | 97 | 49 | 66 | -- | .16 |
| NC | Ord | 96 | 52 | 67 | -- | .04 |
| | Valentine | 89 | 46 | 67 | -5 | .01 |
| NE | Norfolk | 94 | 51 | 68 | -5 | 1.03 |
| | Sioux City | 90 | 49 | 67 | -6 | 1.17 |
| CEN | Grand Island | 97 | 52 | 71 | -3 | .71 |
| EC | Lincoln | 97 | 54 | 73 | -2 | .27 |
| | Omaha | 93 | 55 | 70 | -3 | .76 |
| SW | Imperial | 95 | 51 | 69 | -- | .76 |
| | North Platte | 98 | 54 | 70 | -2 | .59 |

1/ Precipitation totals not included in map above.

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